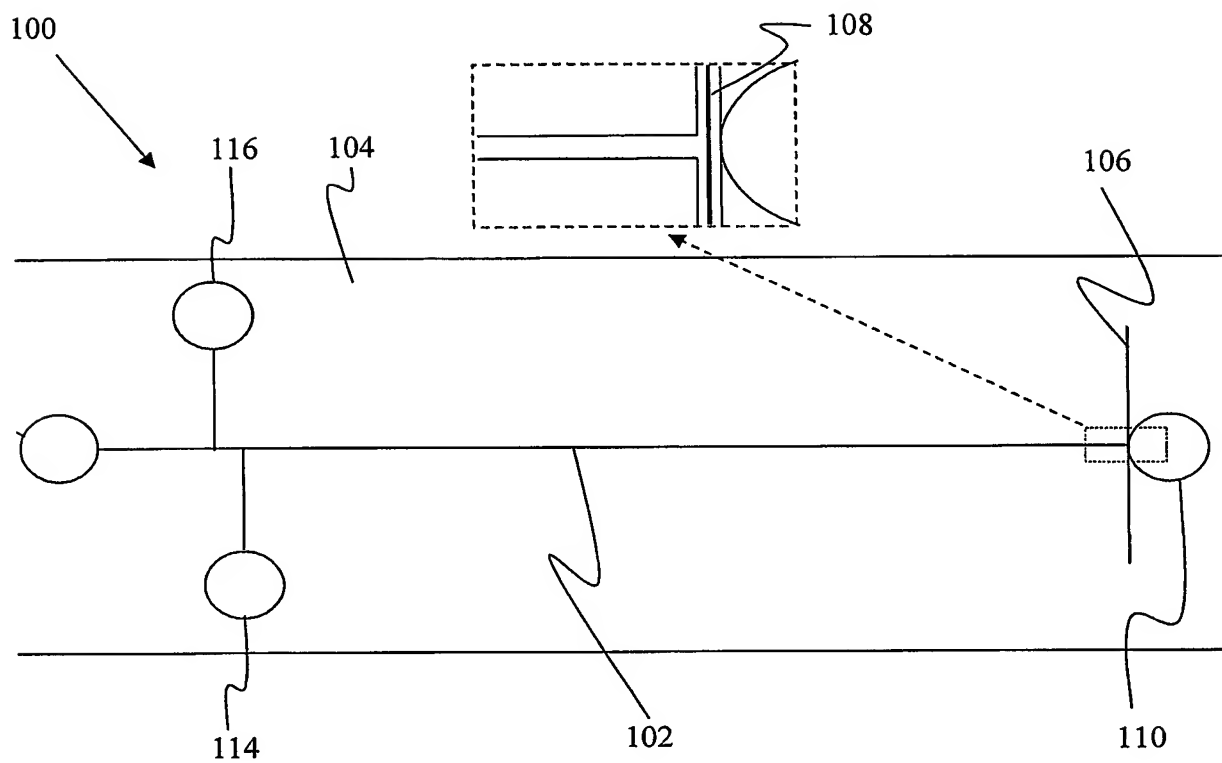
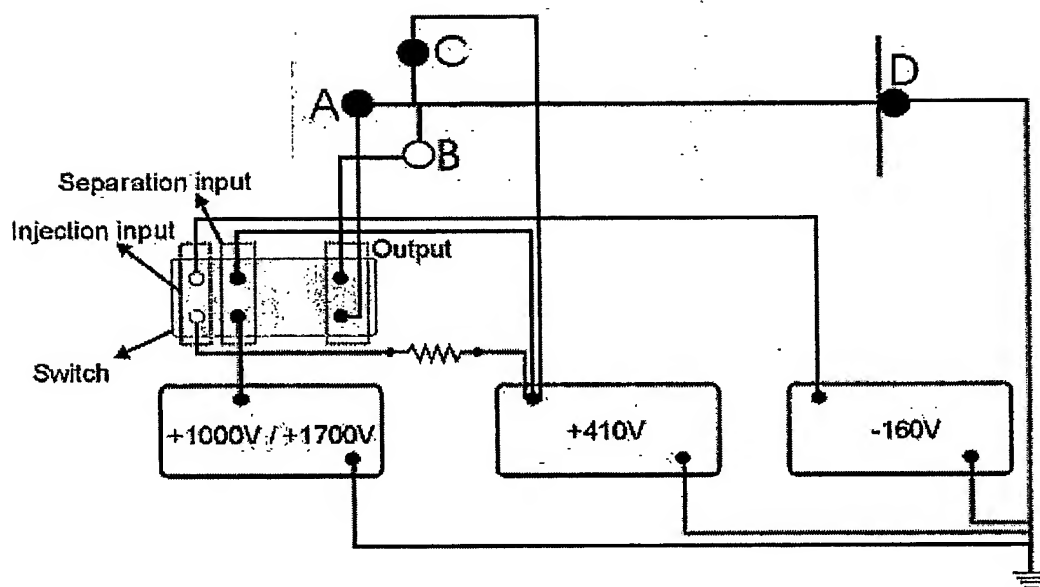


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**FIG. 1**

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**FIG. 2**

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**FIG. 3**

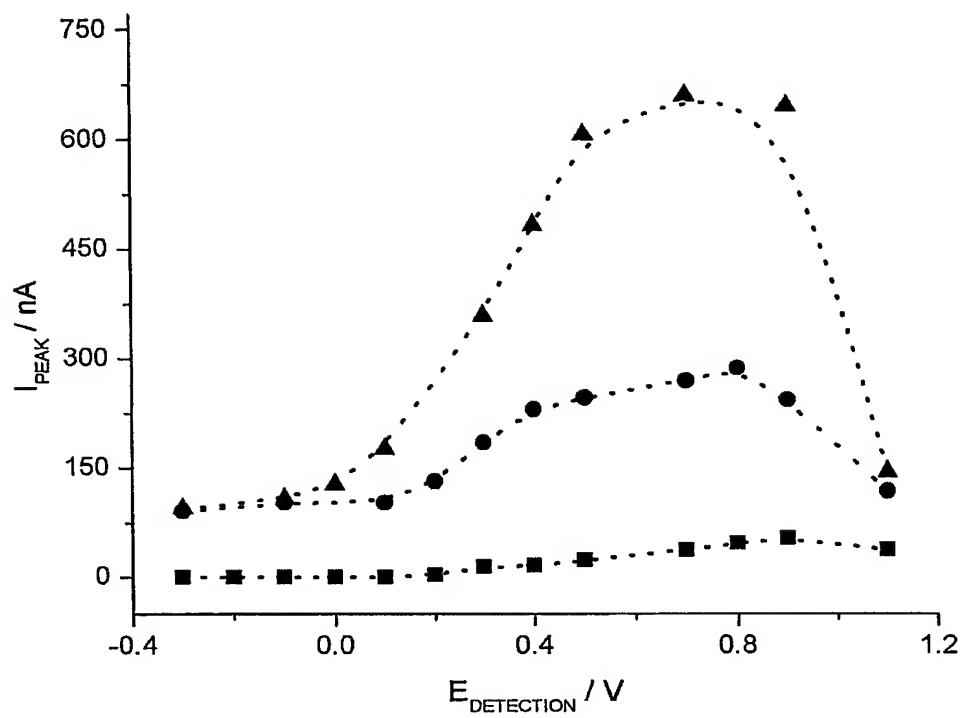
	<b>Carbohydrates</b>	<b>Amino Acids</b>	<b>Antibiotics</b>
Clean	+1.4 V	+1.8 V	+1.8 V
Reactivate	-0.5 V	-0.5 V	-0.5 V
Detect	+0.7 V	+0.7 V	+0.5 V

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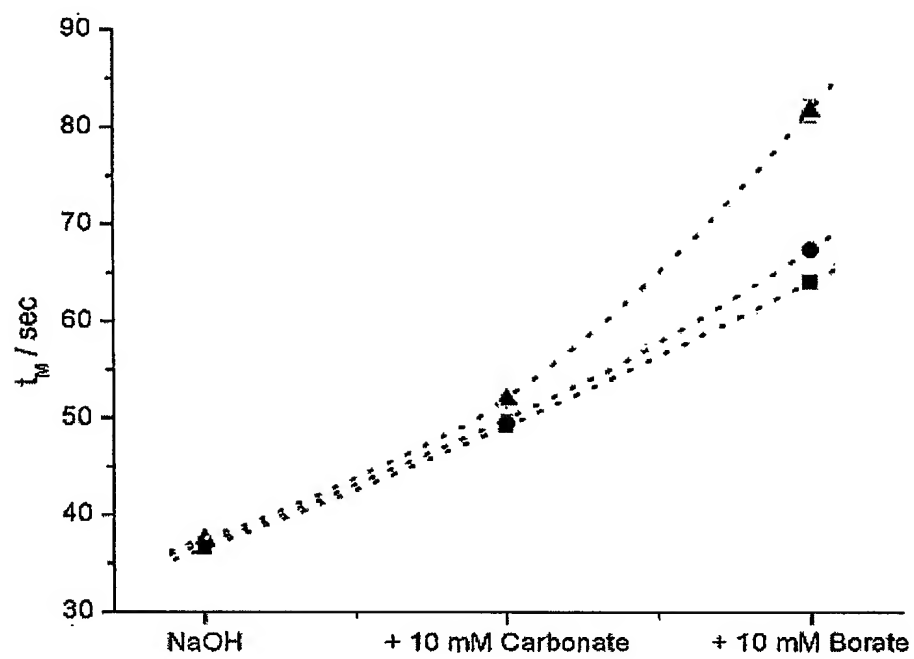
**FIG. 4**

Reservoir	Containing	Injection / V	Separation / V
A	Buffer	+ 410	+ 1000 or + 1700
B	Buffer	- 160	+ 410
C	Sample	+ 410	+ 410
D	Waste	Ground	Ground

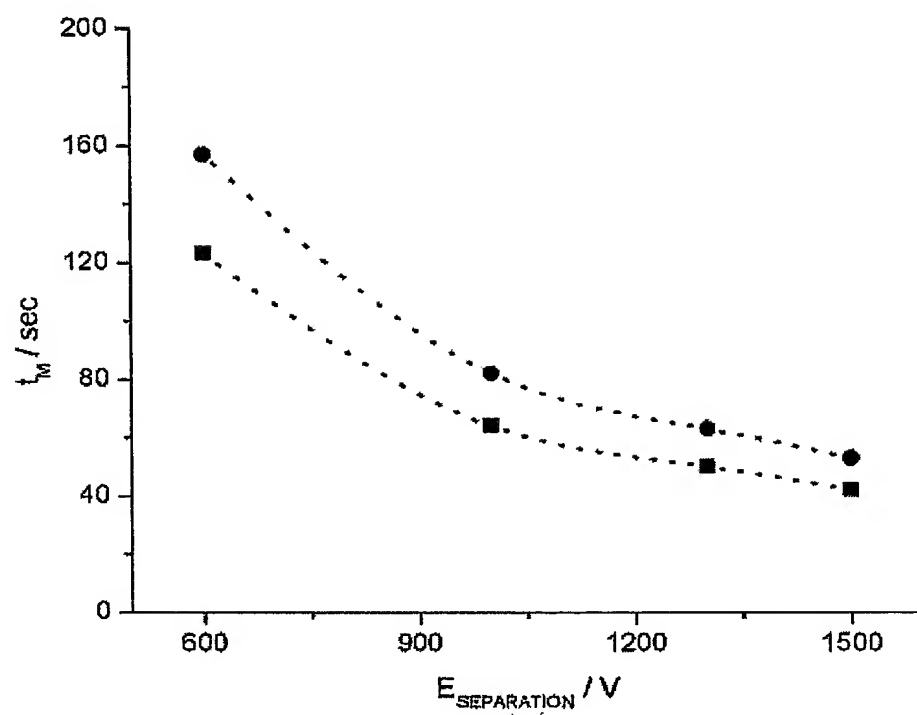
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**FIG. 5**

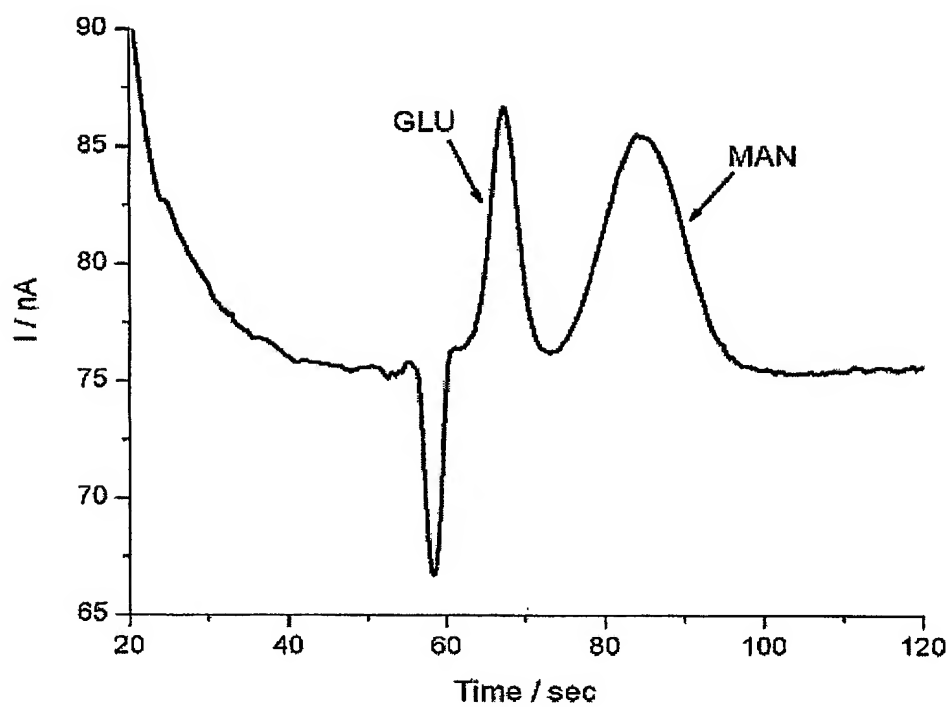
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**FIG. 6**

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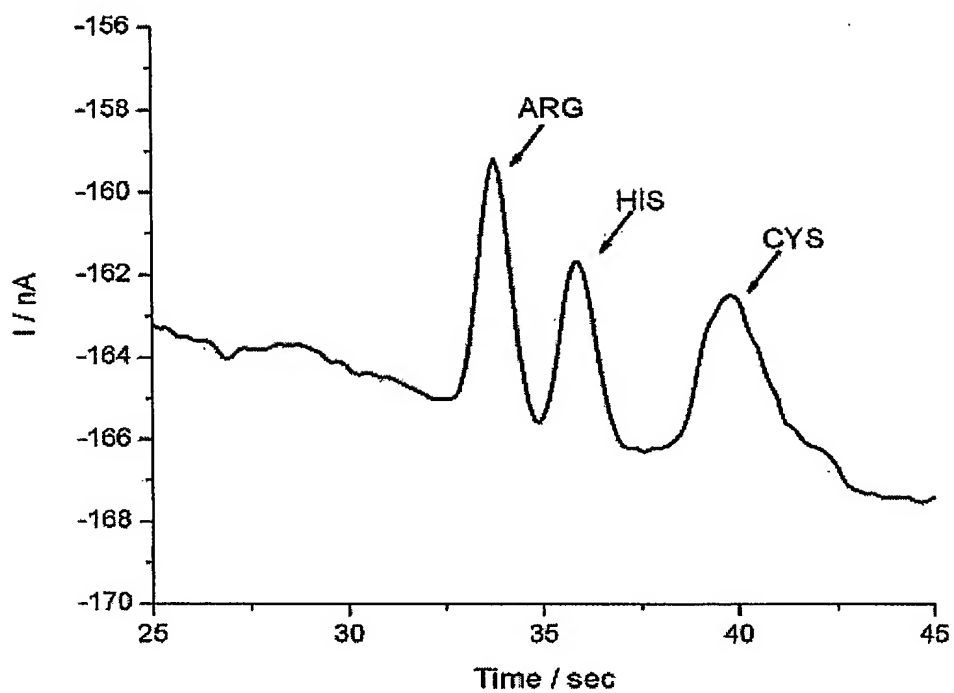
**FIG. 7**

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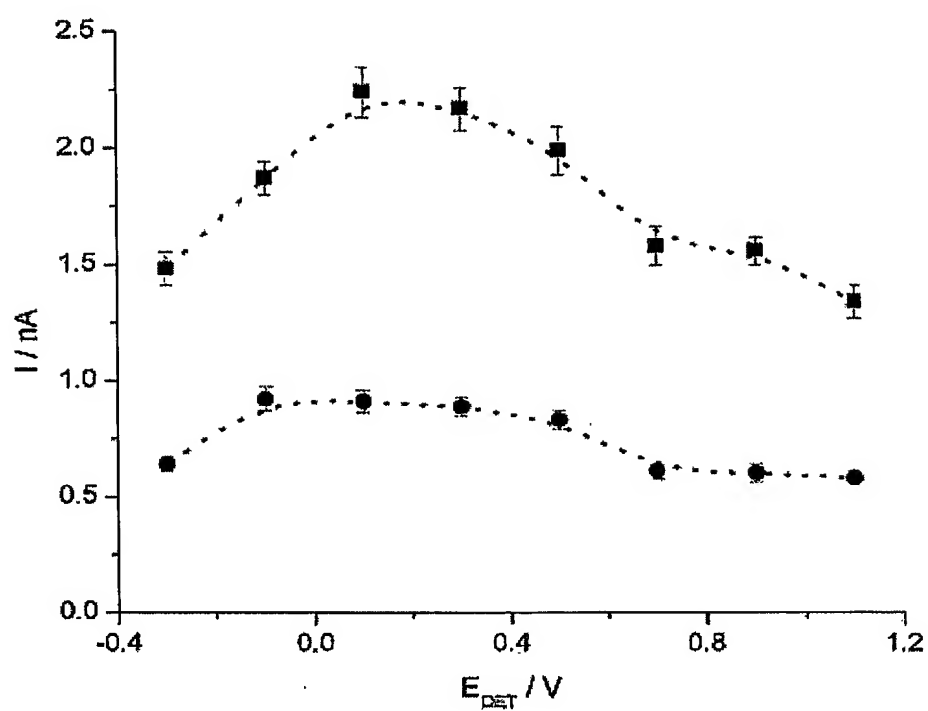
**FIG. 8**



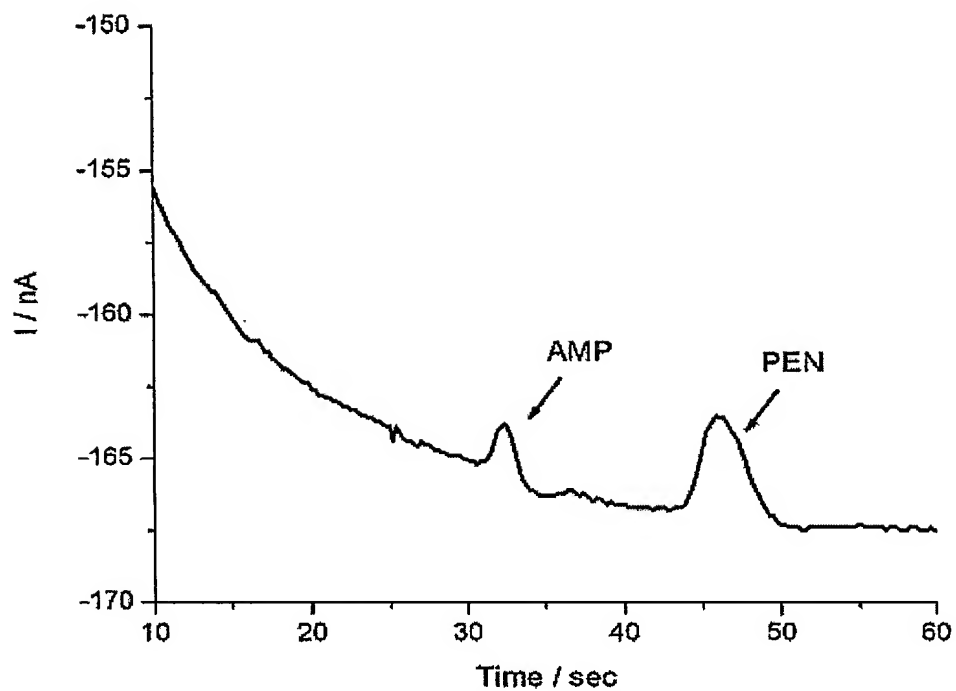
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**FIG. 9**

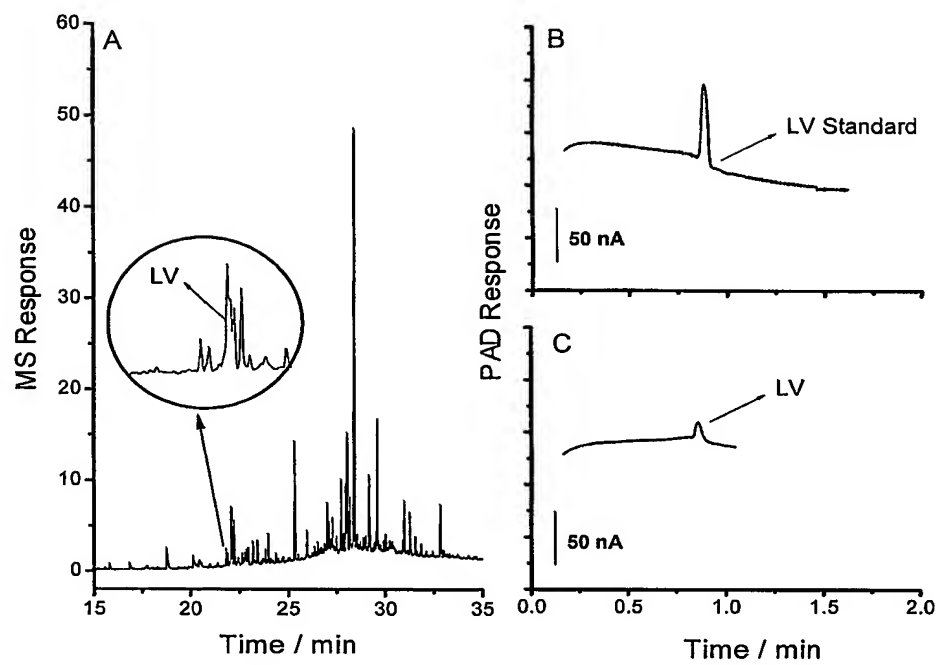
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**FIG. 10**

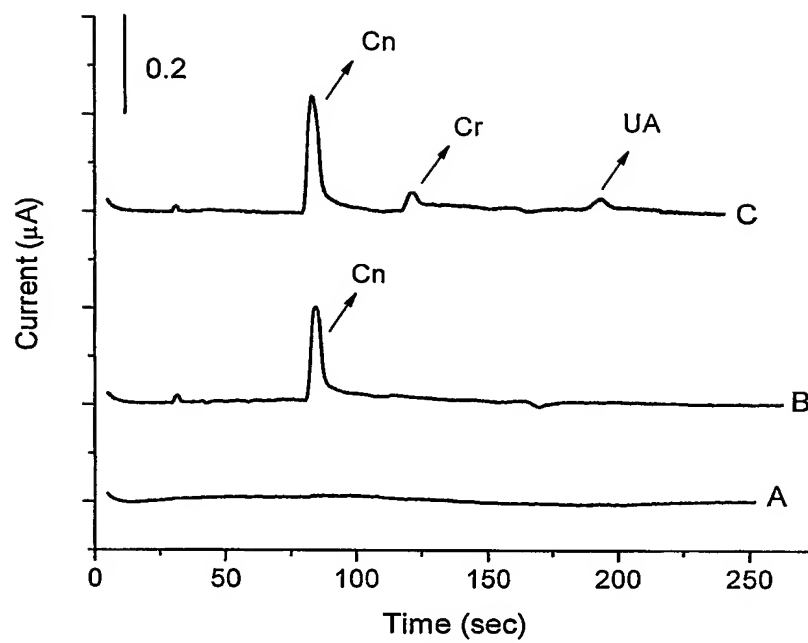
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**FIG. 11**

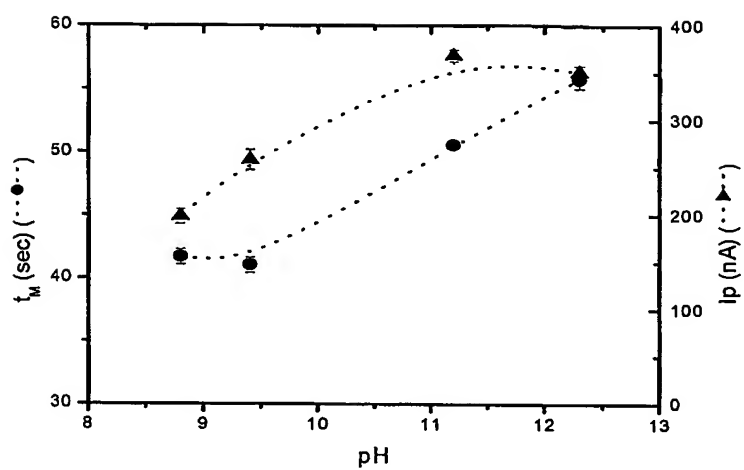
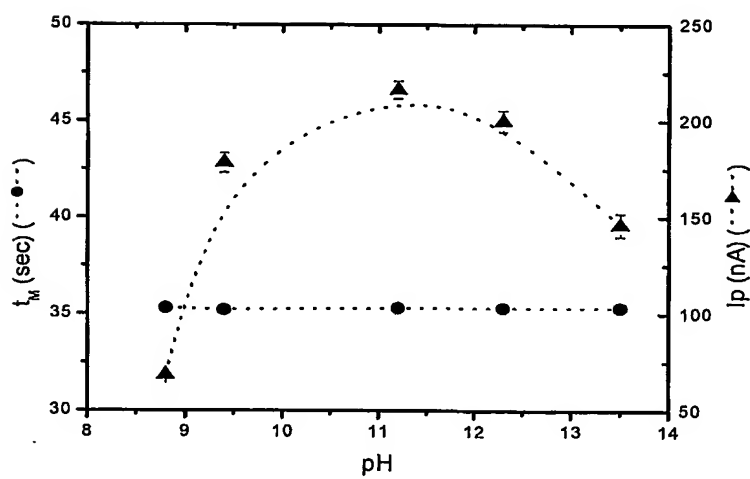
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**FIG. 12**

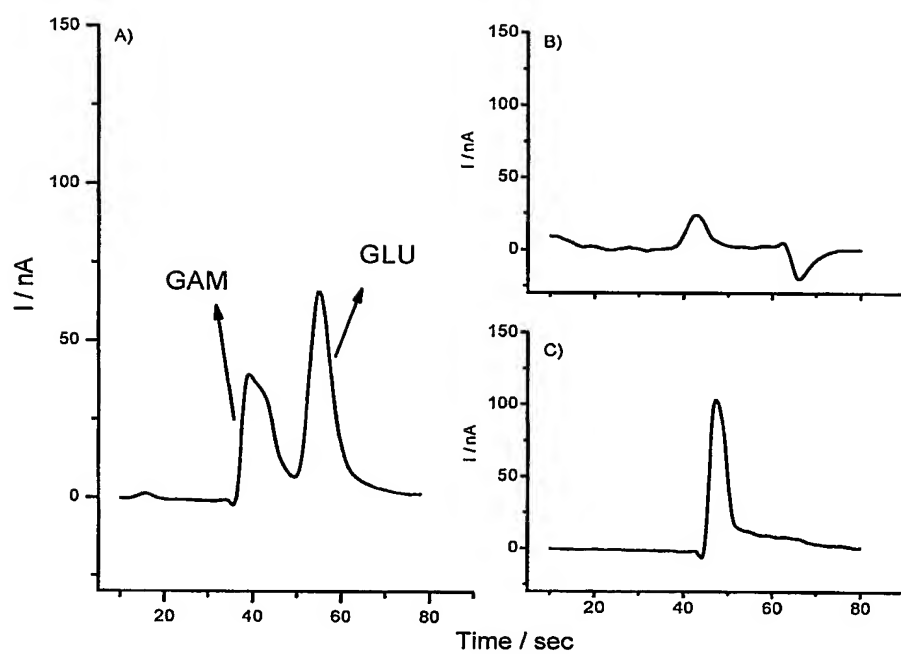
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**FIG. 13**

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**FIG. 14A****FIG. 14B**

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**FIG. 15**

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**FIG. 16**